

ABSTRACT OF THE DISCLOSURE

An automatic radio frequency signal switching circuit is equipped with a plurality of AV input terminals and adopts an analog/digital adapter to transform all respective input analog signals into high level digital signals and a central processor is used to memorize the sequential orders of the respective AV signals which are sequentially output in a last-in-first-out manner to a television. At the same time, the central processor shuts off the ANT/CATV signal amplifier and the RF switch thereof so as to effect automatic switching operation. When no AV signals from AV equipment are being input, the central processor will instantly transmit another set of high electric level signals to the ANT/CATV signal amplifier and a power source of the RF switch thereof and the ANT/CATV signals are delivered to a television via the RF amplifier and the RF switch thereof whereby effect automatic RF switching operation. Such a circuit is made up of all electrical components, so there will be no poor mechanical contact possibly occurring, resulting in secure and stable operation in practical use.